(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 14 April 2005 (14.04.2005)

PCT

(10) International Publication Number WO 2005/033758 A1

(51) International Patent Classification7:

G02B 6/44

(21) International Application Number:

PCT/GB2004/004183

(22) International Filing Date:

30 September 2004 (30.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0322893.9

30 September 2003 (30.09.2003)

- (71) Applicant (for all designated States except US): BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 NEWGATE STREET, LON-DON Greater London EC1A 7AJ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KERRY, John [GB/GB]; 4 The Grove, Martlesham Heath, Ipswich Suffolk IP5 3UZ (GB). BARKER, Philip, Alfred [GB/GB]; 58 Meadowlands, Kirton, Ipswich Suffolk IP10 0PP (GB).
- (74) Agent: ROBERTS, Simon, Christopher; BT GROUP LEGAL, INTELLECTUAL PROPERTY DEPARTMENT, PP: C5A, BT CENTRE, 81 NEWGATE STREET, LON-DON Greater London EC1A 7AJ (GB).

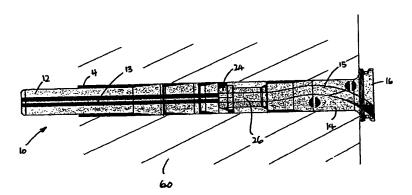
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CABLE LEAD-IN OR LEAD-OUT WITH BEND PROTECTION



(57) Abstract: A cable lead out device (10) suitable for use within a bore (13) through a wall (60), the device comprising a body to guide a cable, the cable having a minimum permitted bend radius, along a passageway in the bore, the passageway being defined by the body and extending in an arc from a first point within the bore via the mouth of the bore to a second point outside of the bore, wherein the first point is sited within the bore at a location so that the cable guided along the passageway arcs substantially at its minimum permitted bend radius. The device (10) consists of a tube portion (12), a neck (26) having an engaging end (24), a horn portion (14) having an arc-shaped passageway (15) and a terminating end (16). The device (10) is suitable for electrical and optical cables.